



Stephen Wolfram biography



Examples Random

Input interpretation:

Stephen Wolfram (scientist)

Basic information:

full name	Stephen Wolfram
date of birth	Saturday, August 29, 1959 (age: 52 years)
place of birth	London, Greater London, United Kingdom

Image:



Timeline:



Computed by Wolfram Mathematica

Source information »

Download as: PDF Live Mathematica

Stephen Wolfram: Computing a theory of everything
<http://youtu.be/60P7717-X0Q>



Stephen Wolfram Blog

Advance of the Data Civilization

<http://blog.wolframalpha.com/2011/08/16/advance-of-the-data-civilization-a-timeline>

Timeline of Systematic Data and the Development of Computable Knowledge



20,000 BC – 0

0 – 1599

1600 – 1799

1800 – 1899

1900 – 1959

1960 – 2010

1960

1970

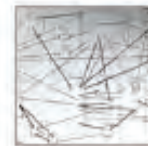
1980

1990

2000

2010

1960

**1960: Hypertext***Imagining connectivity in the world's knowledge*

The concept of links between documents begin to be discussed as a paradigm for organizing textual material and knowledge.

**1960: Full-Text Search***Finding text without an index*

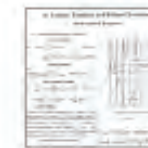
The first full-text searching of documents by computer is demonstrated.

**1960: Medical Subject Headings (MeSH)***Organizing the world's medical knowledge*

The first version of the MeSH medical lexicon goes into use.

**1963: ZIP Codes**

ZIP (Zoning Improvement Plan) codes are introduced by the US Post Office.

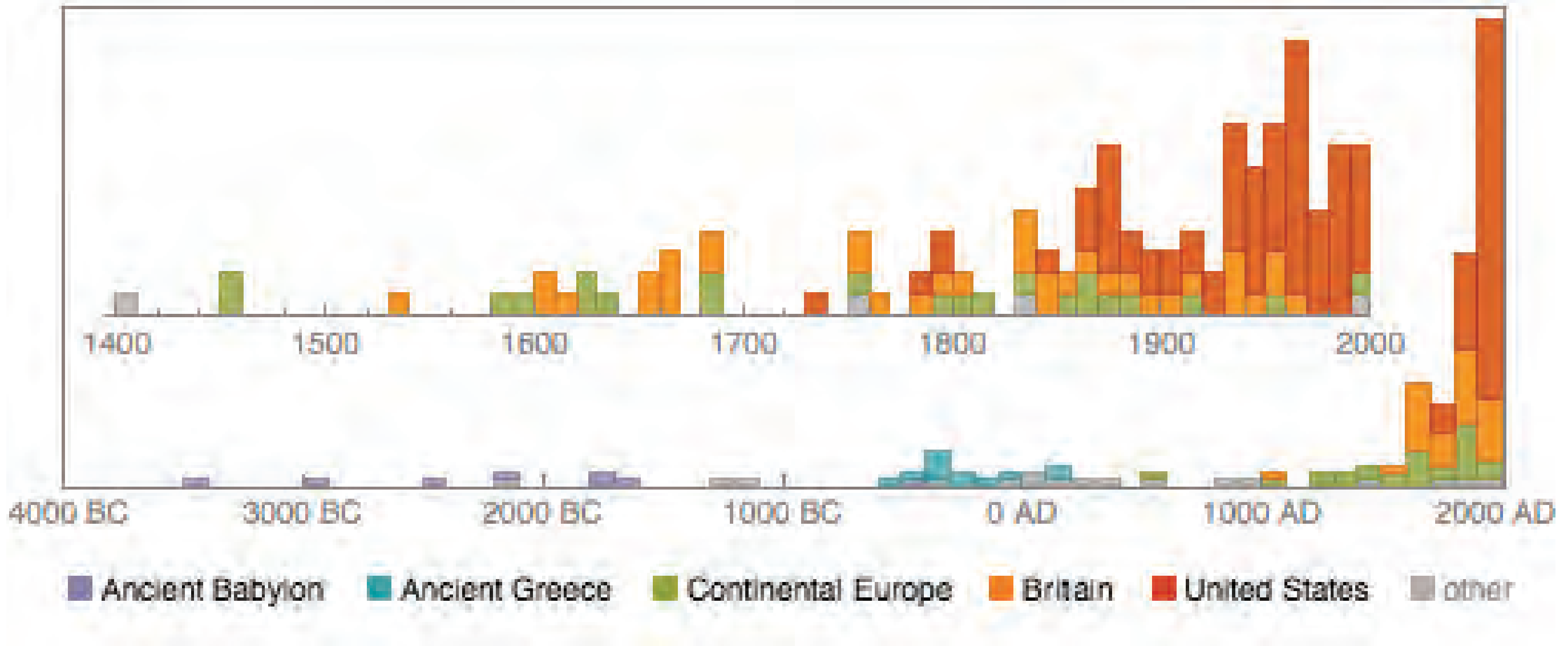
**1964: Abramowitz and Stegun***Collecting mathematical functions*

The National Bureau of Standards (now NIST) publishes tables and properties of many higher mathematical functions.

**1966: Freedom of Information Act**

US President **Lyndon Johnson** signs the act into law, mandating public access to government records.

Please navigate to: <http://www.wolframalpha.com/docs/timeline>



Note the number of 'systematization' benchmarks that have occurred in the 20th-21st century (and how much America has driven this innovation).

We are aware of importance of things like hypertext, google, the human genome project, web 2.0, etc. What about some of the older developments cited?



3000 BCE – Registered Land Ownership

1250 BCE – Library at Thebes

387 BCE – Plato's Academy

45 BCE – Julian Calendar

340 – Codices

1582 – Gregorian Calendar

1595 – Symbolic Algebra

1655 – Scientific Journals

1786 – William Playfair (discuss later)

1790 – US Census

1839 – Timetables of transport

1867 – Stock ticker

1890 – punched cards/Hollerith machine



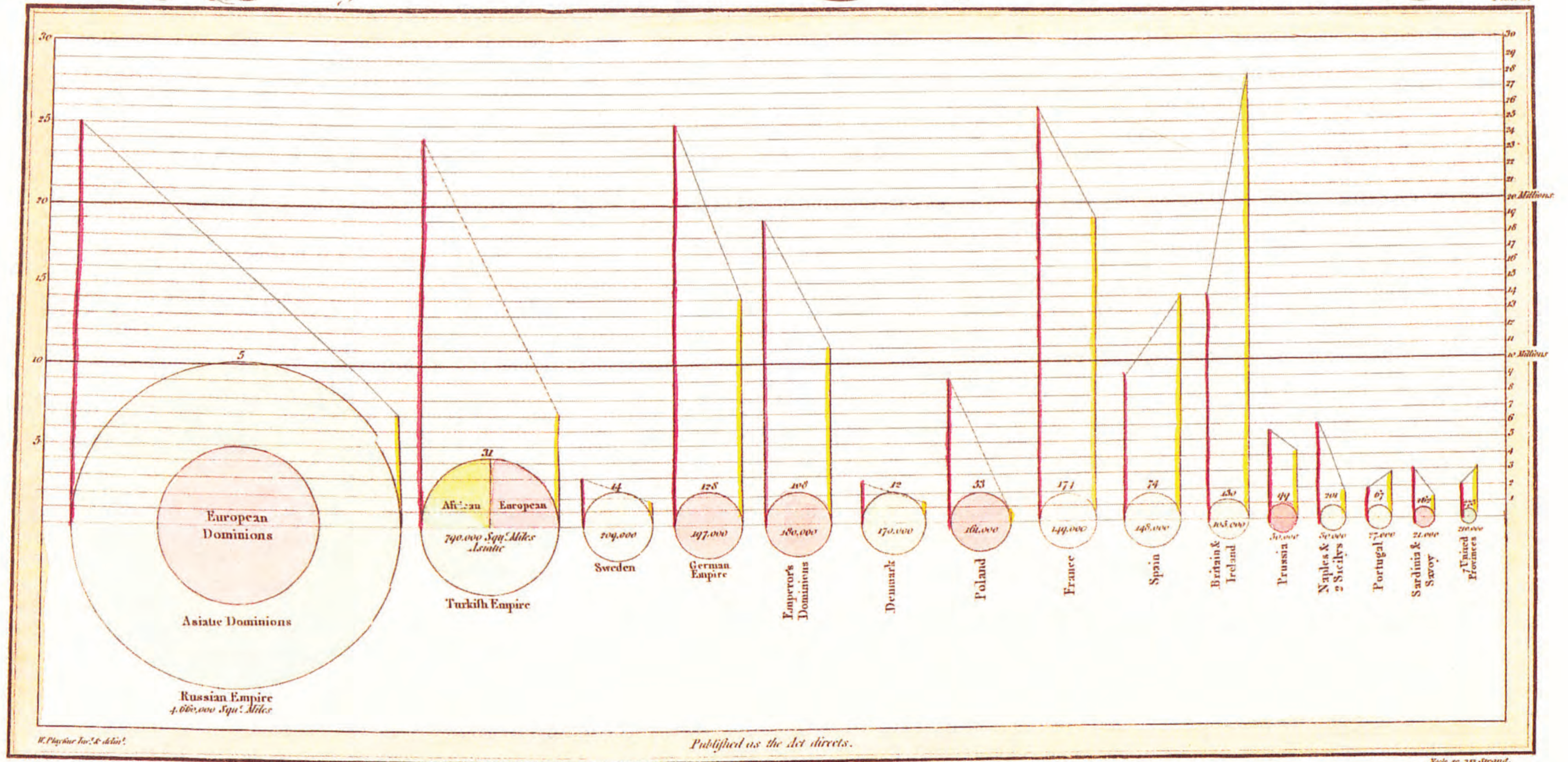
Lascaux Cave Painting (~17,000 years old)
France

Ancient Egyptian 3000 BC				proto-Sinaitic 2000 BC				Phoenician 1100 BC				Hebrew				Greek 800-600 BC				Etruscan		Latin	
word	♫	means	symbol	symbol	♫	word	means	symbol	♫	name	means	early	classic	modern	♫	name	symbol	early	modern				
k3		ox		→	/3/	'alep	ox	→	/3/	'aleph	ox	א →	Α	Α α	/a/	alpha	→	→	A a				
pr	/pr/	house		→	/b/	bayit	house	→	/b/	beth	house	ב →	Β	Β β	/b/	beta	→	→	B b				
m'3t		throw stick		→	/g/	gimel	throw stick	→	/g/	gimel	throw stick	ג →	Γ	Γ γ	/g/	gamma	→	→	G g				
'3		door		→	/d/	daleth	door	→	/d/	daleth	door	ד →	Δ	Δ δ	/d/	delta	→	→	D d				
		(hieratic)		→	/h/	he	wall	→	/h/	he	wall	ה →	Ε	Ε ε	/e/	e psilon	→	→	E e				
				→	/v/	waw		→	/v/	waw		ו →			/w/	digamma	→	→					
				→	/z/	zain	sword?	→	/z/	zayin	sword?	ז →	Ζ	Ζ ζ	/dz,sd,zd/	zeta	→	→	Z z				
hct	/ḥ/	wick		→	/ḥ/	heth		→	/ch/	heth		ח →	Η	Η η	/h/	eta	→	→	H h				
				→	/t/	teth		→	/t/	teth		ט →	Θ	Θ θ	/th/	theta	→	→	ṯ, ð → th				
ni	/ni/	arm, (to push away)		→	/y/	yadu	fist?	→	/y/	yodh	hand	י →	Ι	Ι ι	/i/	iota	→	→	I i				
	/w/			→	/k/	kappu	hand?	→	/k/	kaph	hand?	כ →	Κ	Κ κ	/k/	kappa	→	→	K k				
				→	/l/	lamdu	ox goad	→	/l/	lamadh		ל →	Λ	Λ λ	/l/	lamda	→	→	L l				
net	/n/	water		→	/m/	mayim	water	→	/m/	mem	water	מ →	Μ	Μ μ	/m/	mu	→	→	M m				
fy	/f/	horned viper		→	/n/	naḥas	snake	→	/n/	nun	fish?	נ →	Ν	Ν ν	/n/	nu	→	→	N n				
				→	/s/	samekh	fish?	→	/s/	samekh	fish?	ס →		Ξ ξ	/sh, ks/	ksi	→	→					
irt	/ir/	eye		→	/ʿ/	enu	eye	→	/ʿ/	'ayin	eye	ע →	Ο	Ο ο	/o/	o mikron	→	→	O o				
db'		finger		→	/p/			→	/p/	pe	mouth?	פ →	Π	Π π	/p/	pi	→	→	P p				
ibḥ	/bh/	tooth		→	/ś/	san		→	/ts/	sade		צ →			/s/	san	→	→					
		(elephant's tusk)		→	/q/	qoppa	monkey	→	/q/	qoph	monkey	ק →			/q/	qoppa	→	→	Q q				
				→	/r/	rashu	head	→	/r/	resh	head	ר →	Ρ	Ρ ρ	/r/	rho	→	→	R r				
				→	/sh/	shin	tooth?	→	/sh/	shin	tooth?	ש →	Σ	Σ σ ς	/s/	sigma	→	→	S s				
				→	/t/	tawwu	cross	→	/t/	taw	mark?	ת →		Τ τ	/t/	tau	→	→	T t				
nfr	/nfr/	perfect		→	?			→	?			→	Υ	Υ υ	/u/	u psilon	→	→	U u				
				→	?			→	?			→					→	→	V v				
				→	?			→	?			→					→	→					
				→	?			→	?			→			/kh/	chi	→	→	X x				
				→	?			→	?			→			/ps/	psi	→	→	Y y				



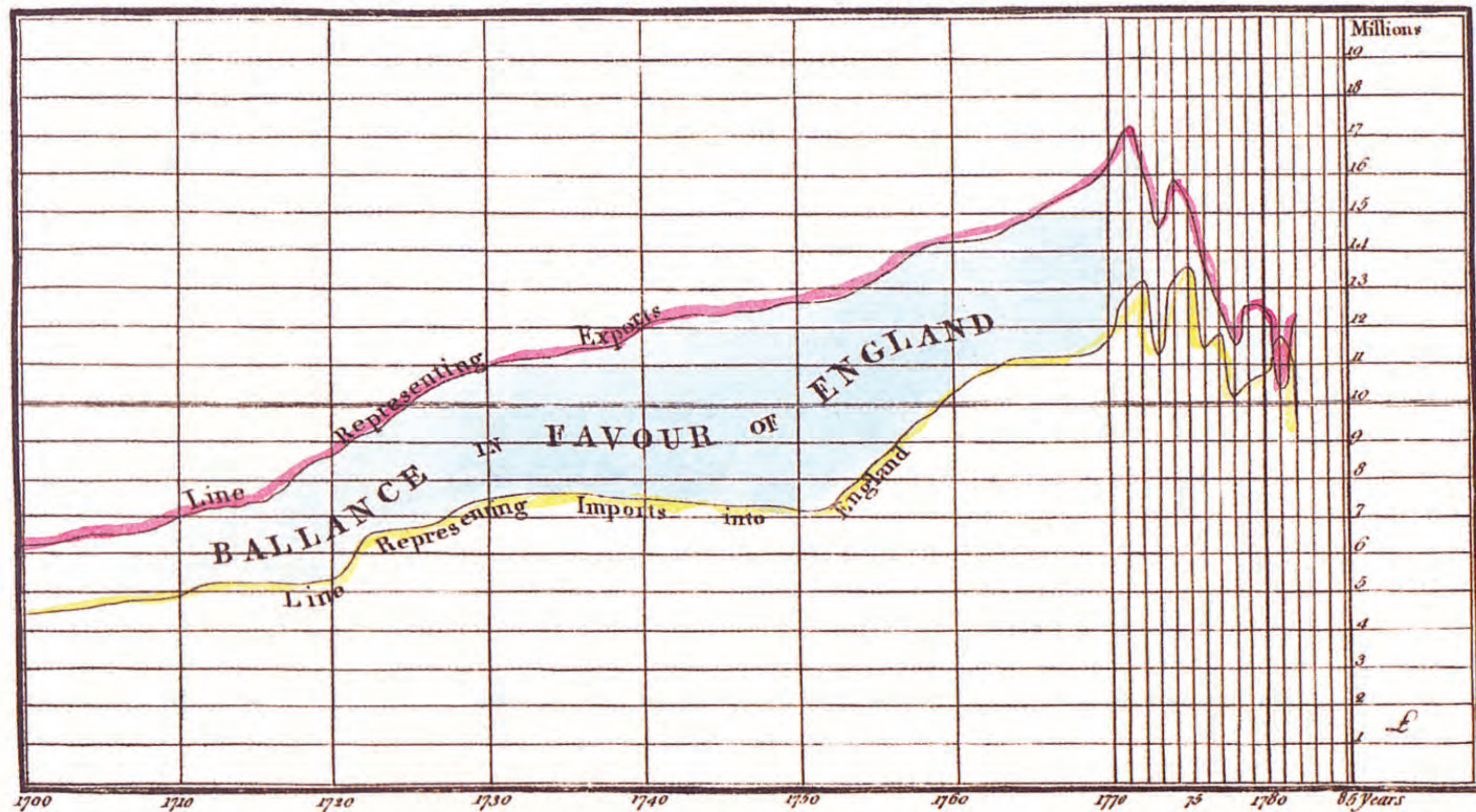
Ptolemy World Map (150)
Ptolemy

Statistical Chart showing the Extent the Population & Revenues of the PRINCIPAL NATIONS of EUROPE in the order of their Magnitude. Plate 1st



William Playfair – father of modern charts and graphs (1759-1823)

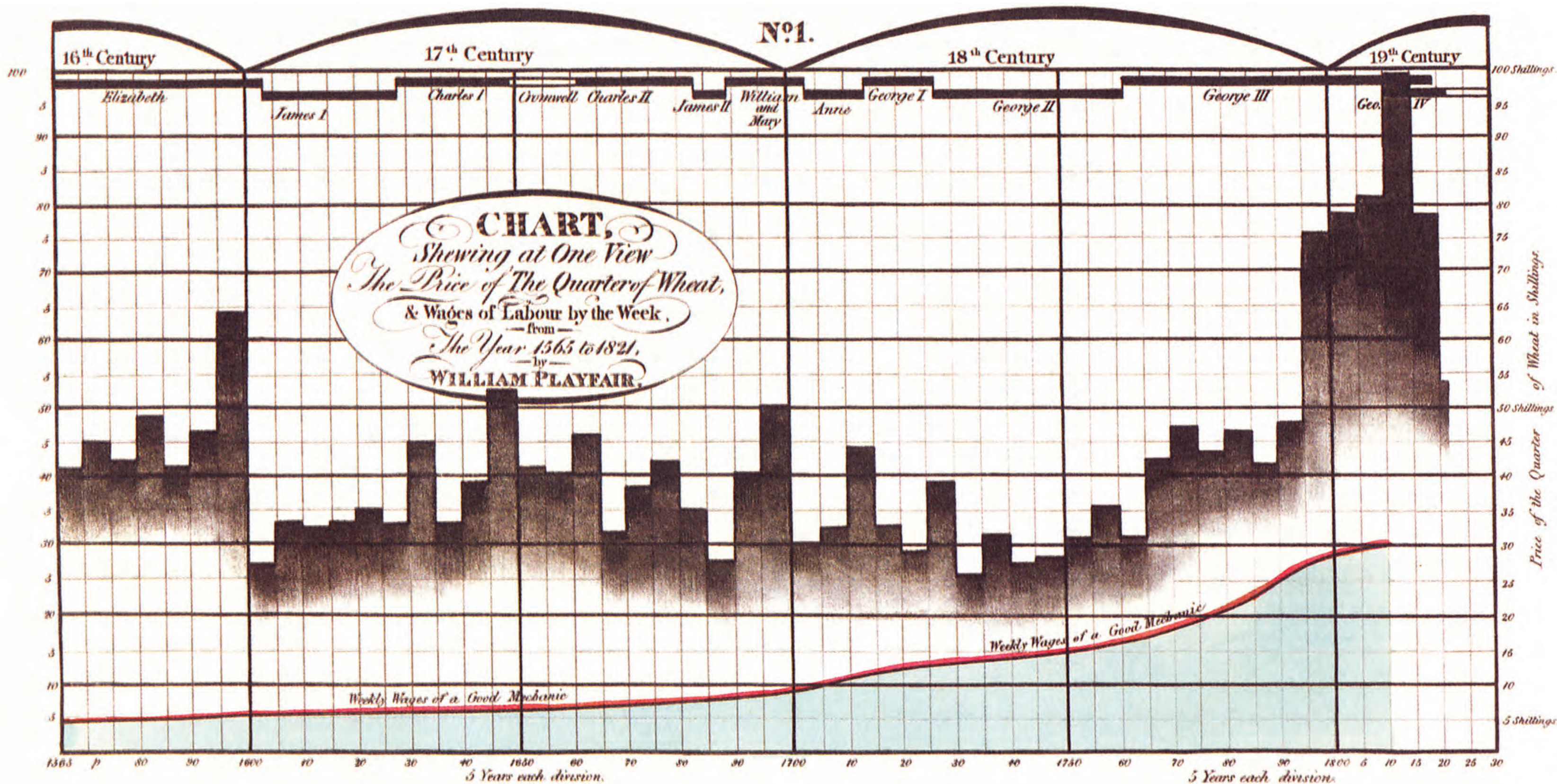
*CHART of all the IMPORTS and EXPORTS to and from ENGLAND
From the Year 1700 to 1782 by W. Playfair*

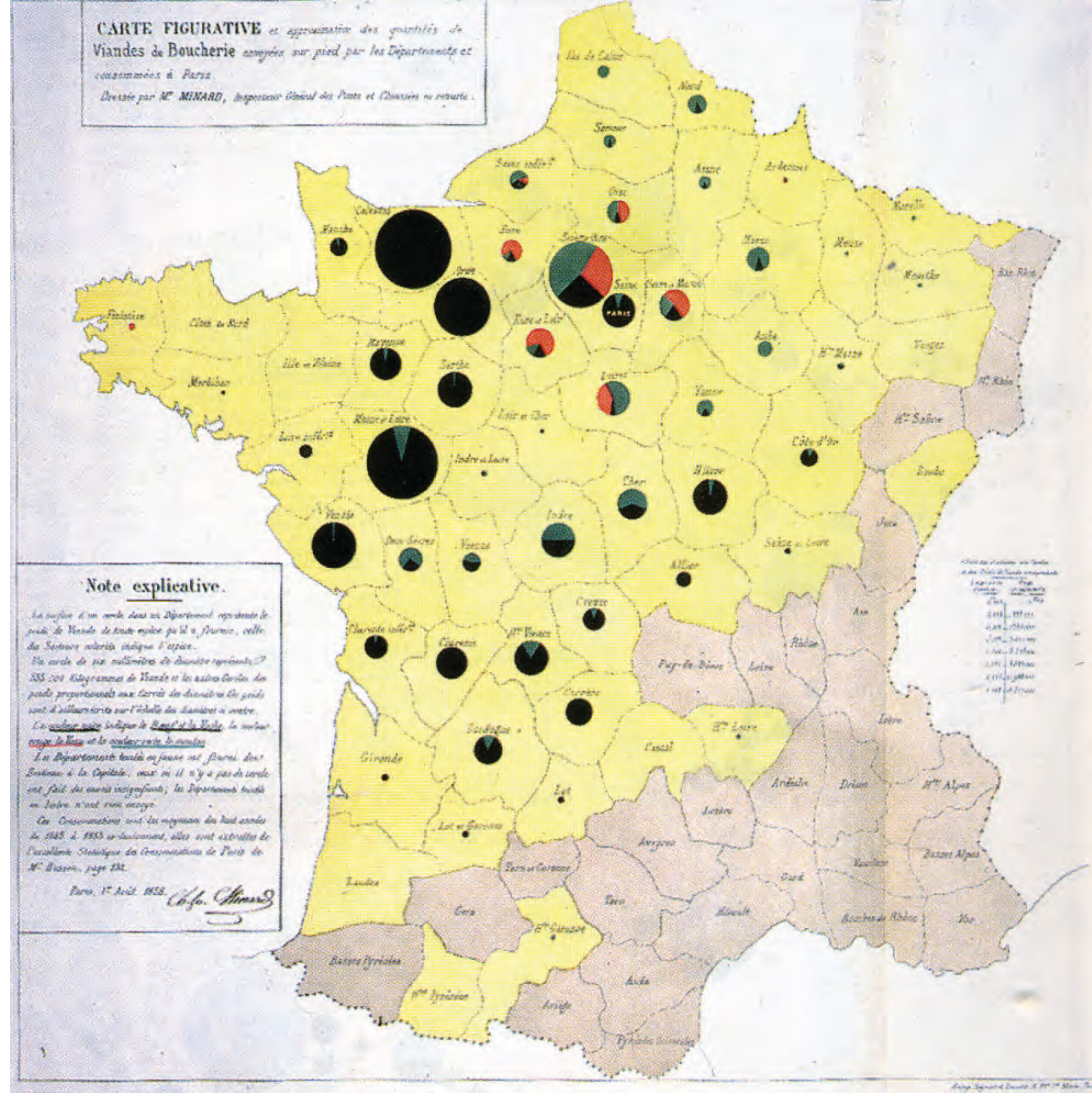


The Divisions at the Bottom, express YEARS, & those on the Right hand, MILLIONS of POUNDS

J. Ainslie Sculp.

Published as the Act directs. 20.th Aug.^r 1785





Cattle yield in France by region (1858)

Charles Minard

Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812-1813.

Dressée par M. Minard, Inspecteur Général des Ponts et Chaussées en retraite. Paris, le 20 Novembre 1869.

Les nombres d'hommes présents sont représentés par les largeurs des zones colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en travers des zones. Le rouge désigne les hommes qui entrent en Russie, le noir ceux qui en sortent. — Les renseignements qui ont servi à dresser la carte ont été puisés dans les ouvrages de M. M. Chiers, de Ségur, de Fezensac, de Chambray et le journal inédit de Jacob, pharmacien de l'Armée depuis le 28 Octobre. Pour mieux faire juger à l'œil la diminution de l'armée, j'ai supposé que les corps du Prince Jérôme et du Maréchal Davout qui avaient été détachés sur Minsk et Mohilow et ont rejoint vers Orscha et Witebsk, avaient toujours marché avec l'armée.

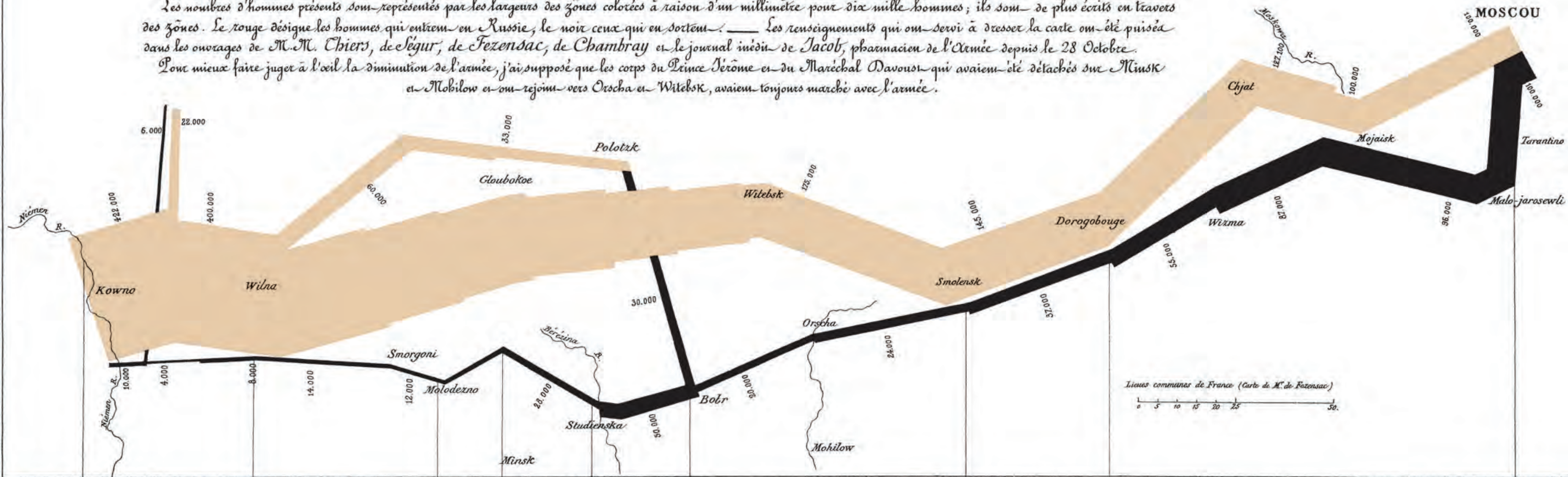
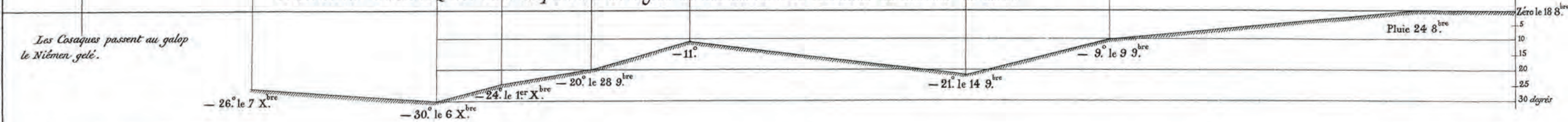


TABLEAU GRAPHIQUE de la température en degrés du thermomètre de Réaumur au dessous de zéro.



Autog. par Regnier, 8. Par. 5^{me} Marie St Gains à Paris.

Imp. Lith. Regnier et Dourdet.

The Minard Map (1869)
Charles Minard



Napoleon in Russia

<http://youtu.be/458Gw-Xw0u0>

Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812-1813.

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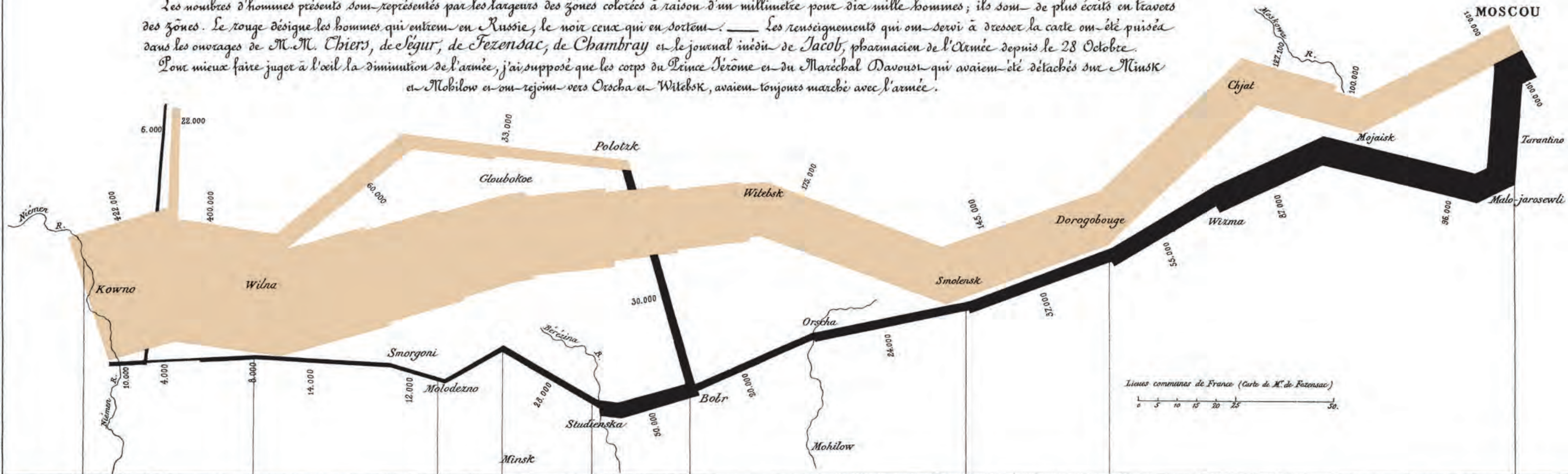
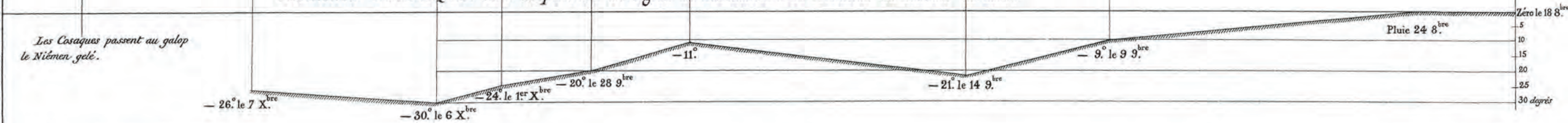


TABLEAU GRAPHIQUE de la température en degrés du thermomètre de Réaumur au dessous de zéro.



International Morse Code

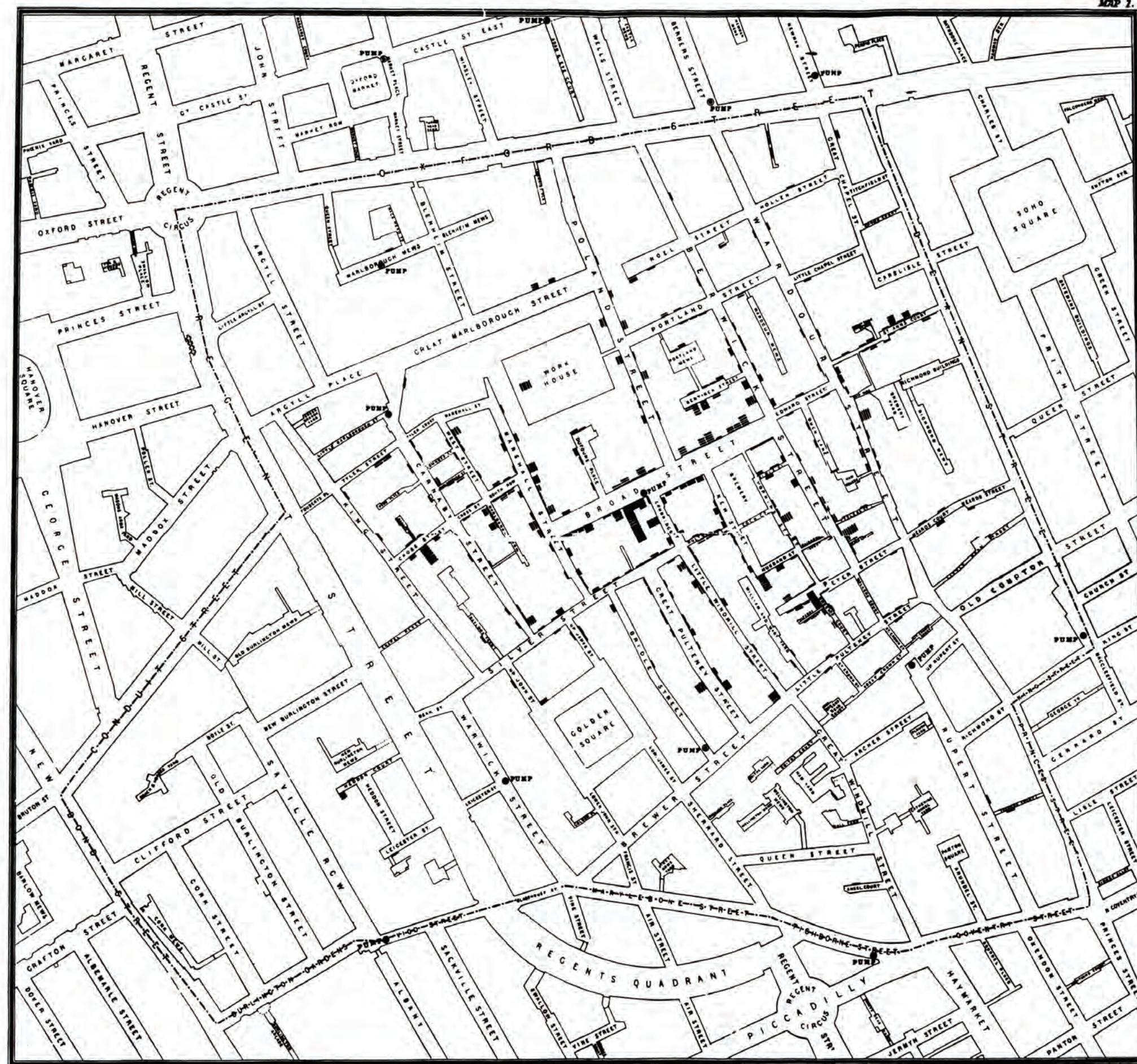
1. A dash is equal to three dots.
2. The space between parts of the same letter is equal to one dot.
3. The space between two letters is equal to three dots.
4. The space between two words is equal to seven dots.

A ● ■
B ■ ● ● ●
C ■ ● ■ ●
D ■ ● ●
E ●
F ● ● ■ ●
G ■ ■ ●
H ● ● ● ●
I ● ●
J ● ■ ■ ■
K ■ ● ■
L ● ■ ● ●
M ■ ■
N ■ ●
O ■ ■ ■
P ● ■ ■ ●
Q ■ ■ ● ■
R ● ■ ●
S ● ● ●
T ■

U ● ● ■
V ● ● ● ■
W ● ■ ■
X ■ ● ● ■
Y ■ ● ■ ■
Z ■ ■ ● ●

1 ● ■ ■ ■ ■
2 ● ● ■ ■ ■
3 ● ● ● ■ ■
4 ● ● ● ● ■
5 ● ● ● ● ●
6 ■ ● ● ● ●
7 ■ ■ ● ● ●
8 ■ ■ ■ ● ●
9 ■ ■ ■ ■ ●
0 ■ ■ ■ ■ ■

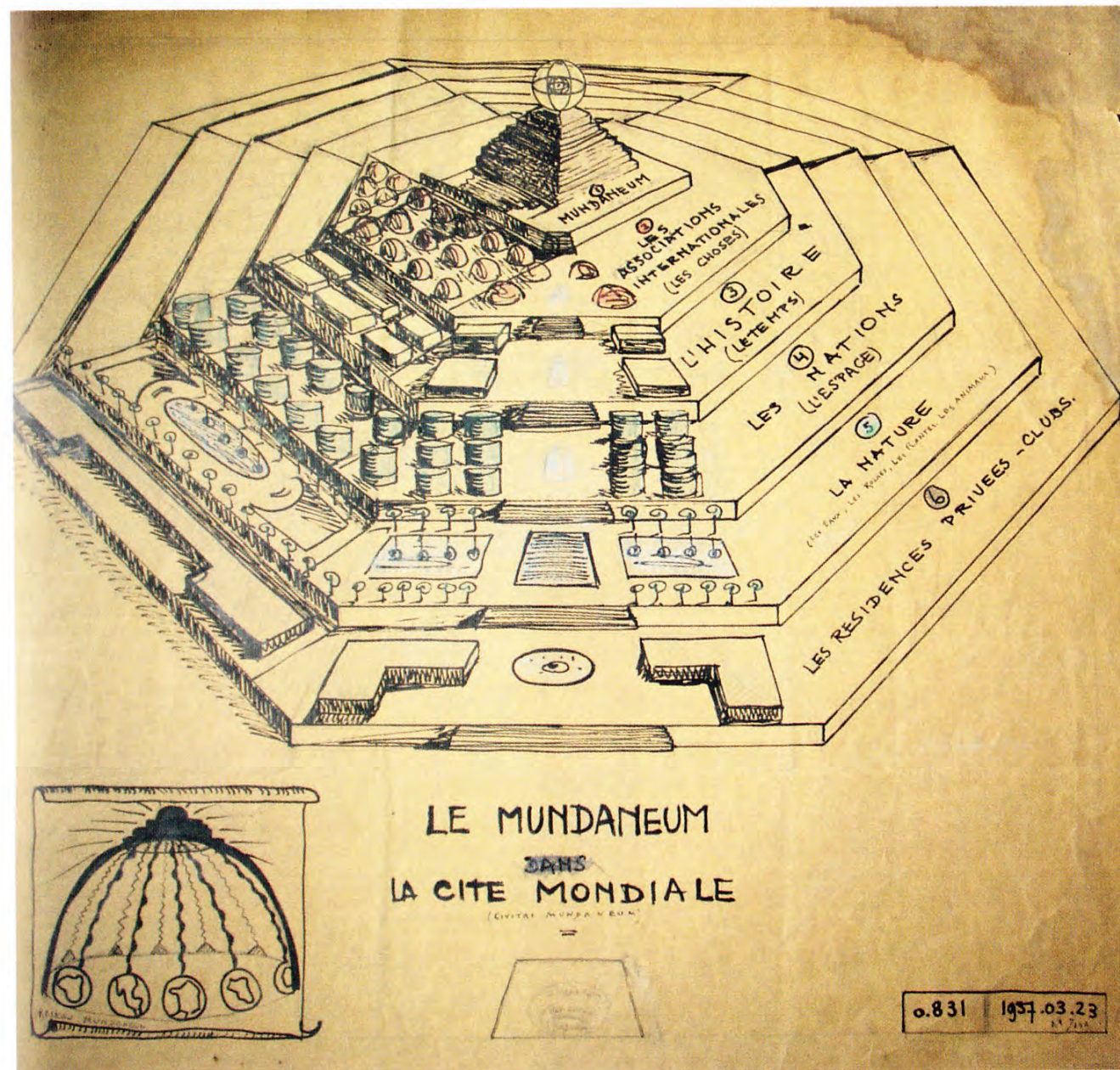
Transmission of first Telegraph message (1844)



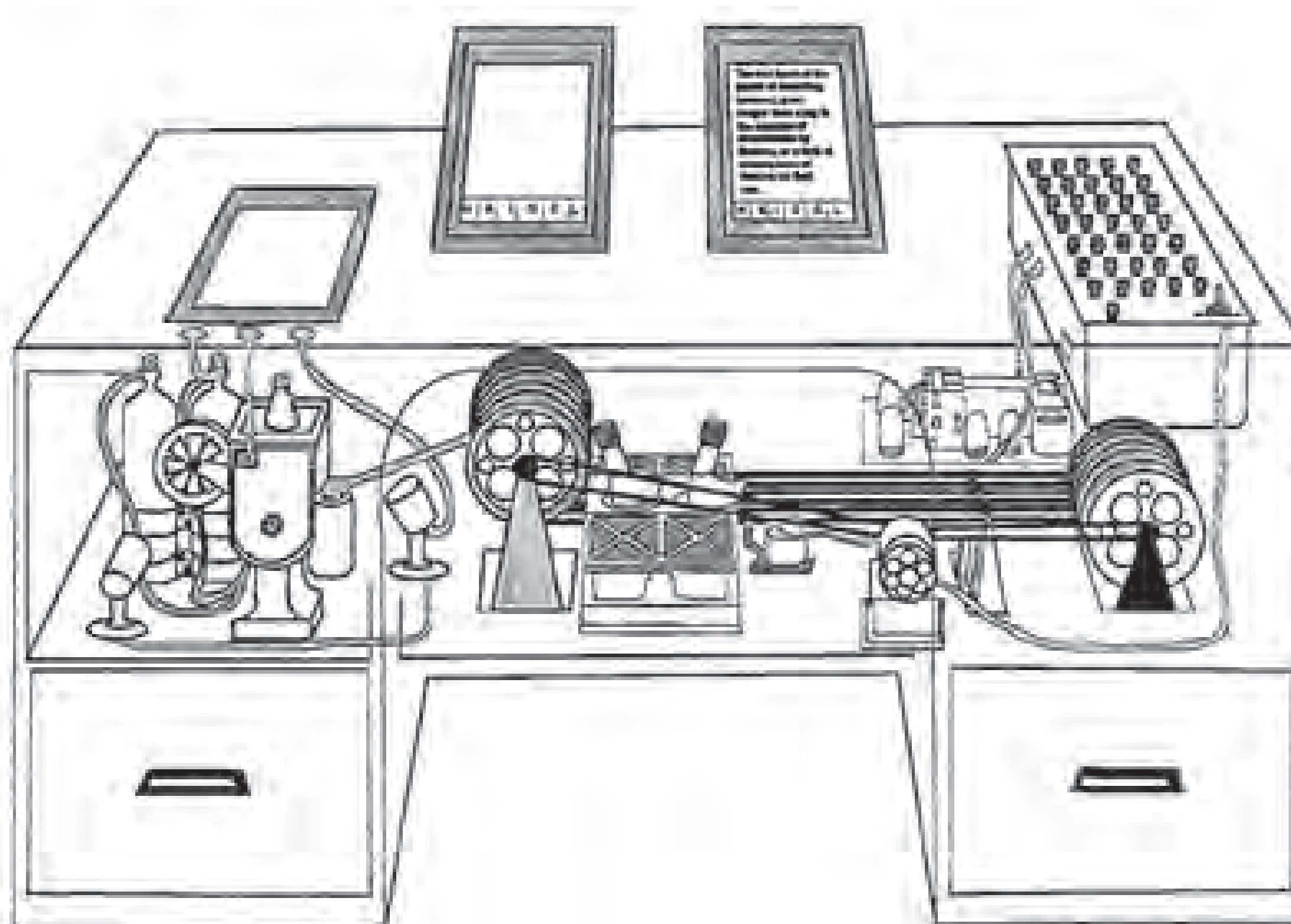
The Snow Map (1854)
John Snow



John Snow Memorial
<http://vimeo.com/266642>



Mundaneum (1910)
Paul Otlet and Henri La Fontaine



The Memex (1945)
Vannevar Bush

1954-1955 Season

Top 20 shows (ranked by total viewers)

1. I Love Lucy 
2. The Jackie Gleason Show 
3. Dragnet 
4. You Bet Your Life 
5. Toast of the Town 
6. Disneyland 
7. The Bob Hope Show 
8. The Jack Benny Program 
9. The Martha Raye Show 
10. The George Gobel Show 

Nielson Ratings (1932)

President Barack Obama

Polling group's most recent poll for President **Barack Obama**:

Polling Group (<i>Reverse Chronologically</i>)	Date	Approval	Disapproval	Other
Gallup ^[2]	August 19-22, 2011	38%	54%	7%
Rasmussen Reports ^[3]	August 11-13, 2011	44%	54%	2%
Fox News Channel ^[4]	August 7-9, 2011	42%	48%	10%
CNN/Opinion Research ^[5]	August 5-7, 2011	44%	54%	2%
McClatchy/Marist ^[6]	August 2-4, 2011	44%	46%	10%
USA Today/Gallup ^{[7][6]}	July 15-17, 2011	45%	50%	5%
NBC News/Wall Street Journal ^[8]	July 14-17, 2011	47%	48%	5%
Time ^[9]	June 20-21, 2010	48%	46%	6%
Associated Press – GfK ^[10]	June 16-20, 2011	52%	47%	1%
CBS News ^[11]	June 3-7, 2011	48%	43%	9%

Gallup Poll (1935)



Mathematica: A World of Numbers and Beyond – History Wall (1961)
Charles & Ray Eames



Powers of Ten (1976)
<http://youtu.be/0fKBhvDjuy0>



Harvard Mark II (1948)

“My quote is: ‘The only way to communicate is to understand what it is like not to understand.’ It is at that moment that you can make something understandable.”

– Richard Saul Wurman



Richard Saul Wurman

<http://dsc.discovery.com/videos/curiosity-richard-saul-wurman-information-architecture.html>

Most recent project <http://192021.org>



<HELP> for explanation, <MENU> for similar functions. EquityHP
Page 1 / 3
BOEING CO/THE (BA US) PRICE 66.83 N \$ DELAYED
Range 4/ 1/10 to 10/ 1/10 Period Daily Trade HI 75.59 ON 4/22/10
Market Trade AVE 66.5769 VL 5655204
LOM 60.11 ON 6/ 7/10

DATE	PRICE	VOLUME	DATE	PRICE	VOLUME	DATE	PRICE	VOLUME
F 10/ 1	66.83	4482862	F 9/10	63.84	3214772	F 8/20	64.60	3865920
T 9/30	66.54	8214220	T 9/ 9	63.44	4190696	T 8/19	64.62	4201568
W 9/29	65.97	5874689	W 9/ 8	64.50	3747703	W 8/18	66.00	2816059
T 9/28	64.52	3583321	T 9/ 7	63.42	2529793	T 8/17	65.99	4303899
M 9/27	63.89	2762402	M 9/ 6			M 8/16	64.40	3042334
F 9/24	64.60	4626836	F 9/ 3	64.64	3471592	F 8/13	64.84	3667747
T 9/23	62.65	3656936	T 9/ 2	63.39	3465719	T 8/12	64.70	3847607
W 9/22	63.90	3635438	W 9/ 1	62.29	5688798	W 8/11	65.60	5230837
T 9/21	64.23	5361146	T 8/31	61.13	5309421	T 8/10	68.62	4127296
M 9/20	63.72	4187283	M 8/30	62.10	3279135	M 8/ 9	68.99	2907790
F 9/17	62.95	10702625	F 8/27	63.16	6851673	F 8/ 6	68.70	4498788
T 9/16	62.58	4681838	T 8/26	61.32	4889769	T 8/ 5	68.71	4318815
W 9/15	62.73	4929167	W 8/25	60.76	5144544	W 8/ 4	69.25	3861191
T 9/14	62.76	6025475	T 8/24	60.93	9983972	T 8/ 3	69.54	3778718
M 9/13	64.19	3126886	M 8/23	63.30	3888194	M 8/ 2	69.69	5430717

ANALYZE CROSS CURRENCY FUNDING SPREADS. XCF

